

Kochia scoparia / *Bromus* spp. Early Seral Community

COMMON NAME	Mexican Firebush/Brome Early Seral Community
SYNONYM	None
TNC SYSTEM	Terrestrial
PHYSIOGNOMIC CLASS	Herbaceous
PHYSIOGNOMIC SUBCLASS	Perennial graminoid vegetation
PHYSIOGNOMIC GROUP	Temperate or subpolar grassland
FORMATION	Medium tall sod temperate or subpolar grassland
ALLIANCE	Undefined

CLASSIFICATION CONFIDENCE LEVEL 3

RANGE

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This community is found in Areas 1, 6, 7, 11, 12, 14, 16, 17, 18, 19, 21, 22, and 23.

ENVIRONMENTAL DESCRIPTION

This community occurs on sites of past anthropogenic disturbance such as former cropland, roadways, golfcourse fairways, farmsteads and feedlots. This community occurs on level to gently sloping topography. The soils are sandy or silty.

USFWS WETLAND SYSTEM Not applicable

MOST ABUNDANT SPECIES

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<u>Strata</u>	<u>Species</u>
Shrub	<i>Ericameria nauseosa</i> ssp. <i>nauseosa</i> var. <i>nauseosa</i> , <i>Krascheninnikovia lanata</i>
Herbaceous	<i>Kochia scoparia</i> , <i>Bromus tectorum</i> , <i>Bromus japonicus</i> , <i>Bromus inermis</i> , <i>Helianthus annuus</i> , <i>Sisymbrium altissimum</i> , <i>Pascopyrum smithii</i>

DIAGNOSTIC SPECIES

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Kochia scoparia, *Bromus tectorum*, *Bromus japonicus*, *Bromus inermis*, *Helianthus annuus*, *Agropyron cristatum*, *Triticum aestivum*.

VEGETATION DESCRIPTION

The dominants of this community are highly variable. The community is most frequently dominated by any combination of the following herbaceous species: *Kochia scoparia*, *Bromus tectorum*, *Bromus japonicus*, *Bromus inermis*, *Helianthus annuus*, *Sisymbrium altissimum*, and *Pascopyrum smithii*. *Triticum aestivum* may dominate localized areas of this community where it has been seeded as a cover crop. Other common species

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in this community include *Agropyron cristatum*, *Lactuca serriola*, and *Conyza canadensis*. The shrubs, *Ericameria nauseosa* ssp. *nauseosa* var. *nauseosa* and *Krascheninnikovia lanata* are often found in the community, though they infrequently dominate.

OTHER NOTEWORTHY SPECIES Information not available.

CONSERVATION RANK Information not available.

RANK JUSTIFICATION Information not available.

COMMENTS

This type is the result of disturbance and has only been defined for Scotts Bluff NM.

REFERENCES None